sealing material and at least a metal element in contact with metal parts of the core and the base.

- 13. The gear motor according to claim 12, characterized by having a fixation orifice adjoining the metal element.
- 14. The gear motor according to claim 12, characterized by the metal element being embedded in the sealing material.
- 15. The gear motor according to claim 12, characterized by there being two metal elements, the two metal elements being disjointed.
- 16. The gear motor according to claim 12, characterized by including definitive fixation means for the joint to the core motor and, temporary fixation means for the joint to one of the core and the base.
- 17. The gear motor according to claim 16, characterized by the temporary fixation means containing, at least a clipping lug on the joint.
- The gear motor according to claim 17, characterized by having an access orifice in the lug in order to remove the temporary fixation means.
- 19. The gear motor according to claim 13, characterized by cooperating the fixation means of the joint to the core motor and the stop means for angular positioning of the joint in relation to the core motor around an axis of the core motor.
- 20. The gear motor according to claim 12, characterized by one of the core and the base have at least a cylindrical sector, the joint having an opening able to receive the cylindrical sector and at least a stop projecting into the opening.

- 21. The gear motor according to claim 12, characterized by the joint sealing material containing a plastic material.
- A manufacturing process of a gear motor according to claim 16, characterized by comprising steps of:

fixing the joint to one of the core and the base by the temporary fixation means;

returning the joint to the other of the core and the base; and fixing the joint, the core, and the base by the definitive fixation means.

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